



PATENT
1028-178P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Marvin FARLEY et al. Conf.: 7249
Appl. No.: 10/091,351 Group: 2881
Filed: March 6, 2002 Examiner: QUASH, A.G.
For: INDIRECTLY HEATED BUTTON CATHODES FOR
AN ION SOURCE

REPLY UNDER 37 C.F.R. § 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 19, 2003

Sir:

In reply to the Office Action dated July 22, 2003, with the period to reply extended by one month, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This reply includes Claim Set as Amended and Remarks.

11/21/2003 WABRHAM1 00000006 10091351

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